BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2017-18/OW/WORK_INDENT29332

APPROVED SCHEDULE - B

EE/BBMP/E-PMT/21/2017-18, Date: 15.02.2018

Name of work: Construction of Additional class room to Kodigehalli government school at Kodigehalli ward no. 8

Sl No.	Item No.	Description	Unit	Approved Tender Rates of N N Sreenivasaiah	
				In Figures	In Words
1	34.88	Dismantling Mangalore tiles roof and stacking the material within a radius of 50 meters, - - with reepers. (P.No. 257, I.No. 37.42.1 of SR 2016-17).	Sqm	144.0	Rupees One Hundred Forty Four Only
2	59.46	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m. (P.No. 258, I.No. 37.47 SR 2016-17).	Cum	256.0	Rupees Two Hundred Fifty Six Only
3	10.75	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms)(Item no 37.51page no 258)	Cum	152.0	Rupees One Hundred Fifty Two Only
4	126.05	KSRB 2-2.1 Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications, specification. No. KBS 2.1(a) / 2.3.5 (Page no -5, item no - 2.3)	Cum	195.0	Rupees One Hundred Ninety Five Only
5	16.2	KSRB 2.14-1: Extra for additional lift of 1.5m, or part thereof for excavation in loose / soft or hard soil including cost of materials, labour complete as per specifications. (Page no -7, item no - 2.21)	Cum	208.0	Rupees Two Hundred Eight Only
6	18.94	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 465 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all material, labour HOM Machinery curing complete as per specification.(Page. No. 12 Item No. 4.2	Cum	5199.0	Rupees Five Thousand One Hundred Ninety Nine Only
7	46.01	KSRB 5.1-3 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6 (uncoursed), bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.12(Page. No. 22 Item No.5.3)	Cum	3348.0	Rupees Three Thousand Three Hundred Forty Eight Only
8	14.48	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13(Page. No. 23 Item No. 5.9	Cum	5157.0	Rupees Five Thousand One Hundred Fifty Seven Only
9	181.53	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Cum	100.0	Rupees One Hundred Only
10	3.22	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No.12, I.No. 4.6 of PWD SR 2016-17)	Cum	5606.0	Rupees Five Thousand Six Hundred Six Only
11	17.77	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No.12, I.No. 4.5 of PWD SR 2015-16)	Cum	5710.0	Rupees Five Thousand Seven Hundred Ten Only

Signature of the contractor

Executive Engineer

		Description	Unit	Approved Tender Rates of N N Sreenivasaiah	
				In Figures	In Words
		KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2(Page No : 15, item No : 4.28)	Sqm	238.0	Rupees Two Hundred Thirty Eight Only
		KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 16, item No : 4.32)	Sqm	377.0	Rupees Three Hundred Seventy Seven Only
	82.83	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page No : 16, item No : 4.31)	Sqm	302.0	Rupees Three Hundred Two Only
	37.8	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 16, item No : 4.32)	sqm	382.0	Rupees Three Hundred Eighty Two Only
	6.24	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 16, item No : 4.32)	Sqm	393.0	Rupees Three Hundred Ninety Three Only
	101.64	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitonsupto 3.50m from ground level. Specification No. KBS 4.6.2(Page No : 15, item No : 4.18)	Sqm	328.0	Rupees Three Hundred Twenty Eight Only
	101.64	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitonsupto 3.50m from ground level. Specification No. KBS 4.6.2(Page No : 15, item No : 4.18)	Sqm	333.0	Rupees Three Hundred Thirty Three Only
19	25.92	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitonsupto 3.50m from ground level. Specification No. KBS 4.6.2(Page No : 15, item No : 4.18)	Sqm	353.0	Rupees Three Hundred Fifty Three Only
20	144.26	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page No : 16, item No : 4.34)	Sqm	264.0	Rupees Two Hundred Sixty Four Only
21	29.18	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page No : 13, item No : 4.11)	Cum	6193.0	Rupees Six Thousand One Hundred Ninety Three Only

Signature of the contractor

Executive Engineer

		Description	Unit	Approved Tender Rates of N N Sreenivasaiah	
				In Figures	In Words
22	2.7	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page No : 13, item No : 4.11)	Cum	6245.0	Rupees Six Thousand Two Hundred Forty Five Only
23	0.43	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page No : 13, item No : 4.11)	cum	6348.0	Rupees Six Thousand Three Hundred Forty Eight Only
24	22.46	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (P. No. 14/ I.No. 4.13	Cum	6345.0	Rupees Six Thousand Three Hundred Forty Five Only
25	22.46	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications Specification No. KBS 4.1, 4.6. (P. No. 14/ I.No 4.13	Cum	6396.0	Rupees Six Thousand Three Hundred Ninety Six Only
26	3.89	KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (P. No. 14/ I.No 4.13	Cum	6396.0	Rupees Six Thousand Three Hundred Ninety Six Only

Signature of the contractor

Executive Engineer

		Description	Unit	Approved Tender Rates of N N Sreenivasaiah	
				In Figures	In Words
	4.24	...FE 4.6.2 : Providing T M T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (Page No : 17, item No : 4.46.2)	Tonne	62445.0	Rupees Sixty Two Thousand Four Hundred Forty Five Only
28	10.27	Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m, or part thereof cost of labour, complete as per specifications. (P.No. 18, I.No 4.47 of PWD SR 2015-16))	Tonne	486.0	Rupees Four Hundred Eighty Six Only
29	193.5	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.1)	Sqm	856.0	Rupees Eight Hundred Fifty Six Only
30	188.46	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.1)	Sqm	885.0	Rupees Eight Hundred Eighty Five Only
31	38.4	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.1)	Sqm	913.0	Rupees Nine Hundred Thirteen Only
32	34.56	KSRB 5-11 Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.1)	Sqm	913.0	Rupees Nine Hundred Thirteen Only
33	251.8	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Page No :114, item No : 15.20)	Sqm	224.0	Rupees Two Hundred Twenty Four Only
34	274.69	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Page No :114, item No : 15.20)	Sqm	235.0	Rupees Two Hundred Thirty Five Only
35	38.25	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Page No :114, item No : 15.20)	Sqm	256.0	Rupees Two Hundred Fifty Six Only
36	38.25	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Page No :114, item No : 15.20)	Sqm	276.0	Rupees Two Hundred Seventy Six Only
37	309.42	KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications..(Page No.113, Item No.15.12)	Sqm	211.0	Rupees Two Hundred Eleven Only

Signature of the contractor

Executive Engineer

		Description	Unit	Approved Tender Rates of N N Sreenivasalah	
				In Figures	In Words
		KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications...(Page No.113, Item No.15.12)	Sqm	216.0	Rupees Two Hundred Sixteen Only
	45	KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications...(Page No.113, Item No.15.12)	Sqm	222.0	Rupees Two Hundred Twenty Two Only
40	38.25	KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications...(Page No.113, Item No.15.12)	Sqm	227.0	Rupees Two Hundred Twenty Seven Only
41	101.64	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No. 113, I.No. 15.21 of PWD SR 2015-16)	Sqm	204.0	Rupees Two Hundred Four Only
42	159.37	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No. 113, I.No. 15.21 of PWD SR 2015-16)	Sqm	209.0	Rupees Two Hundred Nine Only
43	570.43	Providing applying two coats of wall putty to inside plastered walls andceiling using white cement putty. Scrapping and levelling the surfaceusing steel blade and preparing the surface even and smooth by usindifferent grade sand papers, including cost of all materials, cost of labourand scaffolding etc., complete as per the specification. (Page No. 125, Item No. 15.106)	Sqm	58.0	Rupees Fifty Eight Only
44	261.01	KSRB 15.10.4 Providing white washing to ceiling and / or sloping roof surface with additional one coat with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.(Page No. 115, Item No. 15.41)	Sqm	4.0	Rupees Four Only
45	602.99	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications - with primer. (P. No. 116, I.No. 15.53.2).	Sqm	90.0	Rupees Ninety Only
46	702.09	Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. (Page No : 117, Item No :15.51.2)For internal walls.	Sqm	93.0	Rupees Ninety Three Only
47	261.01	Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. (Page No : 117, Item No :15.51. 2 & 3) for ceiling	Sqm	97.0	Rupees Ninety Seven Only
48	219.3	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. (P.No. 107, I.No. 14.43).	Sqm	1228.0	Rupees One Thousand Two Hundred Twenty Eight Only
49	0.34	KSRB 9.4-2 Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33	Sqm	98124.0	Rupees Ninety Eight Thousand One Hundred Twenty Four Only

Signature of the contractor

Executive Engineer

		Description	Unit	Approved Tender Rates of N N Sreenivasaiah	
				In Figures	In Words
		[illegible] Providing and fixing in position fully panelled Honne wood [illegible] for doors, styles and rails of 40mm thick with bottom and lock [illegible] 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm	4784.0	Rupees Four Thousand Seven Hundred Eighty Four Only
51	1134	KSRB 7.9:Providing and fixing M.S.gill work for windows and ventilators using M.S.flats, or M.S. square rods, or combination of M.S.flats and square rods as per approved design drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 (Page No : 32, item No :7.9)	Kgs	80.0	Rupees Eighty Only
52	54	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm. 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc., and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section anodized to 12 - 15 microns. (P.No. 301/ I. No. 7.10.1	Sqm	3934.0	Rupees Three Thousand Nine Hundred Thirty Four Only
53	65.52	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.	Mtr	2726.0	Rupees Two Thousand Seven Hundred Twenty Six Only
54	101.64	KSRB 10-2 : Providing and laying in position yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS	sqm	828.0	Rupees Eight Hundred Twenty Eight Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92